PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER	see Form PCT/ISA/220
063768-03090	ACTION	as well as, where applicable, item 5 below.
International application No.	International filing date (day/month/)	rear) (Earliest) Priority Date (day/month/year)
PCT/US2004/010737	07/04/2004	07/04/2003
Applicant		
KALYPSYS, INC		
This International Search Report has been according to Article 18. A copy is being tra		ning Authority and is transmitted to the applicant
This International Search Report consists	of a total of <u>8</u> shee	bs.
X It is also accompanied by	a copy of each prior art document cite	d in this report.
Basis of the report		
	international search was carried out or ess otherwise indicated under this iten	n the basis of the international application in the n.
The international this Authority (Rul		a translation of the international application furnished to
b. With regard to any nucleo	riide and/or amino acid sequence di	sclosed in the International application, see Box No. I.
2. Certain claims were four	nd unsearchable (See Box II).	
3. Unity of invention is lack	ting (see Box III).	
4. With regard to the title,		
X the text is approved as suf	omitted by the applicant.	
the text has been establish	ned by this Authority to read as follows	:
5. With regard to the abstract,		
the text is approved as sub		
the text has been establish may, within one month from	ed, according to Rule 38.2(b), by this in the date of mailing of this internation	Authority as it appears in Box No. IV. The applicant all search report, submit comments to this Authority.
6. With regards to the drawings,		
a. the figure of the drawings to be pu	iblished with the abstract is Figure No.	
as suggested by the	• •	
	Authority, because the applicant faile	
<u> </u>	Authority, because this figure better of	haracterizes the invention.
b none of the figures is to be	published with the abstract.	

PCT/US2004/010737

Box No. IV Text of the abstract (Continuation of item 5 of the first sheet)

Compounds as modulators of peroxisome proliferator activated receptors, pharmaceutical compositions comprising the same, and methods of treating disease using the same are disclosed.

$$R_{\downarrow 0}$$
 L
 N
 R_{2}
 R_{3}

wherein is a monocyclic or bicyclic aromatic moiety in which at least one of the ring atoms is N and selected from the group consisting of:

L is selected from the group consisting of a bond and CH2;

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 CO7D213/79 CO7D CO7D213/80 C07D401/12 C07D403/12 C07D413/12 A61K31/428 A61K31/454 C07D417/12 A61K31/423 A61K31/465 A61K31/506 A61K31/502 A61P3/00 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) IPC 7 CO7D A61K Documentation searched other than minimum documentation to the extent that such documents are included. In the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, BEILSTEIN Data, WPI Data, PAJ, CHEM ABS Data C. DOCUMENTS CONSIDERED TO BE RELEVANT Category ° Citation of document, with Indication, where appropriate, of the relevant passages Relevant to claim No. X RICE L M ET AL: "Xanthoquininic Acid 1 Derivatives" JOURNAL OF MEDICINAL CHEMISTRY, vol. 14, no. 4, 1971, pages 369-370, XP002296050 formula II on page 369, column 2 and compound 10 in table 1 on page 370 X US 4 206 117 A (BOELL WALTER ET AL) 1,120 3 June 1980 (1980-06-03) claims 1,12; table 4; compound 19 X WO 02/30895 A (BAYER AG) 1 - 12418 April 2002 (2002-04-18) page 12, line 19 - page 13, line 1; claims 1-3,10,13-17,46-48,52,55,57; examples 159,234 X Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents: later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the 'A' document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the International "X" document of particular relevance; the claimed invention filing date cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled *O* document referring to an oral disclosure, use, exhibition or document published prior to the International filing date but later than the priority date claimed *&* document member of the same patent family Date of the actual completion of the International search Date of mailing of the International search report 13 September 2004 11/10/2004 Name and mailing address of the ISA **Authorized officer** European Patent Office, P.B. 5818 Patentiaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016 Hanisch, I

1

	· · · · · · · · · · · · · · · · · · ·	/01/05/200	4/010/3/
C.(Continu	ation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim No.
Υ .	WO 00/64888 A (MCGEEHAN GERARD M; ZHANG LITAO (US); BOBKO MARK (US); JAYYOSI ZAID (U) 2 November 2000 (2000-11-02) claims 1,53-69	-	1-124
(WO 97/28149 A (AUWERX JOHAN; BERGER JOEL P (US); MERCK & CO INC (US); MOLLER DAVID E) 7 August 1997 (1997-08-07) cited in the application page 7, line 17 - page 10, line 33; claims; example 12		1-124
,	EP 1 067 109 A (ONO PHARMACEUTICAL CO) 10 January 2001 (2001-01-10) claims, examples 1(22), 1(82)-1(87), 1(91)-1(96), 1(100)-1(123), 1(125)-1(128), 2(22)-2(24)		1-124
			·

1

PCT/US2004/010737

INTERNATI. AL SEARCH REPORT

Box II	Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
This Inte	emational Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. X	Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
. [Although claims 97-119 are directed to a method of treatment of the human/animal body and claims 97 and 98 additionally appear to relate to a diagnostic method practised on the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2.	Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
з. 🗌	Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box III	Observations where unity of invention is lacking (Continuation of Item 3 of first sheet)
This Inte	rnational Searching Authority found multiple Inventions in this international application, as follows:
1.	As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2.	As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3.	As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4.	No required additional search fees were timely paid by the applicant. Consequently, this international Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark (The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.

				// /ct/us	52004/010737
Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 4206117	A	03-06-1980	DE	2711655 A1	21-09-1978
			AT	364361 B	12-10-1981 -
•			AT	84080 A	15-03-1981
			AT	364360 B	12-10-1981
			AT AU	187878 A 525566 B2	15-03-1981 11-11-1982
			AU	3419578 A	20-09-1979
			BE	864917 A1	15-09-1979
			CA	1108148 A1	01-09-1981
			CH	638186 A5	15-09-1983
			CS	202011 B2	31-12-1980
			ĊŠ	202012 B2	31-12-1980
			DD	134090 A5	07-02-1979
			DE	2760038 C2	16-02-1989
			DK	118578 A	18-09-1978
			ES	467931 A1	01-07-1979
	•		FΙ	780842 A ,B,	18-09-1978
			FR	2383930 A1	1 3-10-197 8
			GB	1599061 A	30-09-1981
			GR	64096 A1	22-01-1980
•			HU	177287 B	28-09-1981
			ΙE	46484 B1	29-06-1983
			IT	1093796 B	26-07-1985
			JP	1357486 C	13-01-1987
			JP	53116382 A	11-10-1978
·	· • · · · ·	<u></u>	JP Lu	61023790 B	07-06-1986
		e galacie de la companya de la comp	NL	79235 A1 7802719 A ,B,	28-06-1978
		•	NO	7802719 A ,B,	19-09-1978 19-09-1978
•			SE	446185 B	18-08-1986
			SE	7802927 A	18-09-1978
			SŪ	799658 A3	23-01-1981
* ******		· · · · · · · · · · · · · · · · · · ·	SU.	850002 A3	23-07-1981
	•		YU	63678 A1	21-01-1983
			YU	225282 A1	28-02-1983
			ZA	7801552 A	25-04-1979
WO 0230895	A	18-04-2002	AU	1190102 A	22-04-2002
			CA	2427499 A1	18-04-2002
			EP	1341761 A1	10-09-2003
			HU	0302477 A2	29-12-2003
			NO	20031619 A	02-06-2003
			WO	0230895 A1	18-04-2002
			US 	2003087902 A1	08-05-2003
WO 0064888	Α	02-11-2000	AU	4689500 A	10-11-2000
			BR	0010605 A	13-02-2002
			CA	2370250 A1	02-11-2000
			CN	1349525 T	15-05-2002
			CZ	20013833 A3	13-02-2002
			EE	200100556 A	17-02-2003
			EP up	1177187 A1	06-02-2002
			HR Hu	20010795 A1	28-02-2003
			JP	0201291 A2 2002543073 T	28-09-2002
			NO	2002543073 T 20015075 A	17-12-2002
			NZ	515086 A	23-11-2001
			PL	351409 A1	31-10-2003 22-04-2003

Form PCT/ISA/210 (patent family annex) (January 2004)

Patent document	Publication		Patent family	Publication
cited in search report	date		member(s)	date
WO 0064888 A		SK	15532001 A3	04-06-2002
	· -	WO	0064888 A1	02-11-2000
		ÜS	6635655 B1	21-10-2003
		ZA	200108798 A	05-03-2003
WO 9728149 A	07-08-1997	AT	245622 T	15-08-2003
		AU	1856997 A	22-08-1997
		AU	721452 B2	06-07-2000
		AU	2115997 A	22-08-1997
		CA	2245529 A1	07-08-1997
		DE	69723680 D1	28-08-2003
		DE	69723680 T2	15-04-2004
		EP	0888278 A1	07-01-1999
		ES	2202582 T3	01-04-2004
		JP	2002503202 T	29-01-2002
		WO	9728115 A1	07-08-1997
		WO	9728149 A1	07-08-1997
		UA	712607 B2	11-11-1999
		AU Ca	1858197 A 2244831 A1	22-08-1997
		EP	1011651 A1	07-08-1997 28-06-2000
		ĴΡ	2000504021 T	04-04-2000
		WO	9727847 A1	07-08-1997
		AT	262334 T	15-04-2004
		AU	719146 B2	04-05-2000
•		AU	2250797 A	22-08-1997
		CA	2245524 A1	07-08-1997
•		DE	69728267 D1	29-04-2004
		EP	0904079 A1	31-03-1999
		JΡ	2002515865 T	28-05-2002
		WO	9727857 A1	07-08-1997
		AT	236137 T	15-04-2003
•		AU	708055 B2	29-07-1999
		ΑU	1856397 A	22-08-1997
		CA	2244836 A1	07-08-1997
		DE	.69720429 D1	08-05-2003
		- DE	69720429 T2	15-01-2004
		EP	0882029 A1	09-12-1998
•		ES	2194179 T3	16-11-2003
		JP	2002503203 T	29-01-2002
		WO	9728137 A1	07-08-1997
•		UŞ	5859051 A	12-01-1999
		US	6090836 A	18-07-2000
		ZA	9700824 A	30-10-1998
		US US	6020382 A	01-02-2000
		AU	5847008 A 719663 B2	08-12-1998
•	•	AU	5615298 A	11-05-2000
		CA	2275394 A1	17-07-1998
		EP	0948327 A1	02-07-1998 13-10-1999
		JP	2001511767 T	14-08-2001
		WO	9827974 A1	02-07-1998
		US	6160000 A	12-12-2000
		US	6515015 B1	04-02-2003
		US	6090839 A	18-07-2000
			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	TO 0/ 2000
P 1067109 A	10-01-2001	AU	3275999 A	27-09-1999
		EP	1067109 A1	10-01-2001
			<del>-</del>	

Patent document cited in search report	Publication date		Patent family member(s)	Publication date .
EP 1067109 A		US WO US	6506757 B1 9946232 A1 2003153579 A1	14-01-2003 16-09-1999 14-08-2003
				-
·····································				
:.				.*
**************************************				